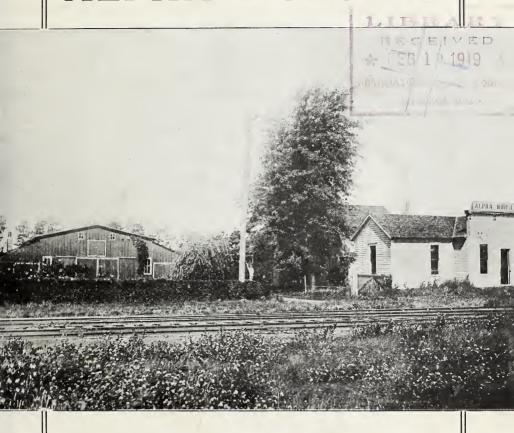
# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



CATALOGUE AND PRICE LIST OF THE

# ALPHA NURSERY



GEO. G. and H. G. WIRT, Proprietors
ALPHA, ILLINOIS

Our aim is to grow only the very best, most hardy and productive varieties suitable to this climate, of fruit trees and plants in the very best possible manner

# Introduction

In order to introduce our Nursery and method of doing business to those who for the first time have received our catalogue, and who have never dealt with us, will say that we have been in the Nursery business for the past thirty years, of which we have been situated at Alpha for twenty-five years.

We ship to almost every state in the Union, and particularly to Henry, Mercer, Rock Island, Warren, Henderson, Knox, Hancock, McDonough, and Fulton Counties, in Illinois.

A business conducted in one place for twenty-five years and having customers which for the past eight to ten years have sent in orders every year, is sufficient proof that our treatment of customers has been very satisfactory.

# LOCATION AND GROUNDS

We are located about midway between Rock Island and Galesburg, and about midway between Galva and Burlington, on the C., B. & Q. Thus we are able to ship in any direction, without going through the large railroad junctions, which cause much delay.

Our grounds are located opposite the depot in Alpha, our office and packing sheds are adjoining the railroad tracks, which makes it very convenient, and we can deliver stock to the trains without delay.

We have one of the largest and best arranged sheds in Northwestern Illinois, our storage shed has walls two feet thick, which makes it frost proof; this building will hold many car loads of Nursery stock. Surrounding this shed we have a large packing shed which we use in the spring to heel in our stock until it can be packed and shipped. The shed has electric lights and city water.

Our land is rich, black upland, well drained, and the best land that can be had for the growth of good, hardy, and healthy Nursery stock. We have used over thirty tons of lime stone dust on our land, which is the best fertilizer that we know of to produce a firm, healthy growth of trees, plants and shrubs.

# SHIPPING

We have extra good shipping facilities, four local freight and eight express trains per day; we have a very low express rate, in many cases it is lower than the freight rates. We will ship all small packages by express. We recommend larger packages to be shipped by express, even if the cost is a trifle more than that of freight. This will insure immediate delivery.

# General Information

**TERMS**—Cash or satisfactory reference from unknown parties before shipment. Known parties and parties sending satisfactory references, we will ship stock with the privilege of examining before payment.

PACKING—These prices are for stock well packed and delivered at the railroad station at Alpha.

MISTAKES cheerfully corrected, but no claims allowed unless made within seven days after the stock is received.

WE WARRANT ALL STOCK TRUE TO NAME with the agreement that should any not prove true we will return the money paid for said stock, or replace with stock that is; but are not liable for damages other than herein named.

**QUALITY**—Our nursery stock is the very best that can be grown, and up to the standard in every way. We are entirely responsible; we own our nursery and farm, also other property.

RATES—Six at dozen rates, 50 at 100. Parties have the privilege of selecting as many varieties of any one kind of fruit or plants as they wish.

**SHIPPING TIME**—We commence making spring deliveries about the first week in April. Fall deliveries are started about the second week in October.

FALL PRICE LIST—We do not issue any. Save this list as these prices are good this fall.

WE PAY THE FREIGHT—On all orders amounting to \$10.00 or more, transportation charges will be paid from our nursery at Alpha, Ill., to your shipping station, if east of Colorado, except on large shade trees.

# DEPARTMENT OF AGRICULTURE Division of Plant Industry Office of Chief Inspector

Urbana, Ill., August 23, 1918.

This is to certify that the growing nursery stock and premises of Alpha Nursery, situated at Alpha, Illinois, have been inspected by a duly appointed inspector of this office, according to the provision of the plant inspection act of 1917, and that said nursery and premises are apparently free from the San Jose scale and other dangerous insects and dangerous plant disease.

This certificate applies only to the condition of this nursery for the year ending August 23, 1919.

No. 23.

P. A. GLENN, Chief Inspector.

CHARLES ADKINS, Director.

LONDON MILLS, ILL.

Dear Sirs:

I received your trees the 17th all right. They were quite damp; was well pleased with them.

Yours respectfully,

JACOB SIMON.

### APPLES

First Size, 4 to 6 ft., 35c each; 10 or more, 30c each Second Size,  $3\frac{1}{2}$  to 5 ft., 25c each; 10 or more, 20c each

#### SUMMER VARIETIES

Benonia—Medium, roundish, pale yellow, shaded with crimson; juicy, tender, sub-acid. August.

Early Harvest—Medium, to large, roundish, bright straw color, flesh white. July. Good quality.

Astrachan Red—Large, roundish, nearly covered with crimson; juicy, sub-acid; tree strong, spreading grower. August.

Red June—Medium, oblong, hardy and productive; deep red color; flesh white, with tender, rich, sub-acid. August.

Yellow Transparent—Medium, yellow, good quality, productive, excellent; bears early. July.

Liveland Raspberry—A very early variety of fine quality, good size, white striped and shaded crimson; a good healthy grower, very hardy.

#### AUTUMN VARIETIES

Bailies Sweet—Large dark red; tree a medium grower, very hardy. October.

**Duchess**—Large size, roundish, streaked with red and yellow, flesh white, juicy, acid. September.

Famuese (Snow)—Medium, deep crimson; flesh snowy white, tender. Tree slow, crooked grower. October and November.

Golden Sweet—Fruit large, pale yellow; flesh tender, sweet and rich; hardy and a good grower. August and September.

Wealthy—Large, roundish, smooth, nearly covered with dark red; flesh white, fine, juicy, sub-acid, quality very good; good grower and productive. October.

Wolf River—Very large, reddish striped; flesh coarse; tree very hardy and strong grower. October.

#### WINTER VARIETIES

Ben Davis—Large, handsome, striped; good, hardy, vigorous and productive; late keepers, very showy. December to March.

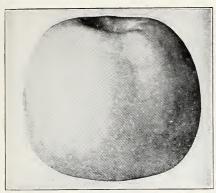
Baldwin—Medium size, red; flesh yellow, sub-acid; tree a good grower but a little tender here. December.

Black Ben Davis-Much like Gano in tree and fruit.

Domine—Medium size, greenish vellow, good quality. January.

**Delicious**—Fruit large, nearly covered with brilliant dark red, flesh fine grained, crisp and melting, juicy with a delightful aroma; of very highest quality. December to February.

Gano—Good size, smooth and very attractive; deep red, resembles Ben Davis, but is an improvement on that variety, being handsomer and better colored. December to March.



Grimes Golden

Grimes Golden Pippin—Medium golden yellow, with white dots. crisp, tender and juicy, excellent: tree vigorous, hardy and productive. November to January.

Jonathan—Medium, red and yellow, very showy, juicy, excellent; tree slender and spreading; bears early. November to February.

Mammoth Black Twig—Large, deep, red, sub-acid; early and abundant bearer; keeps well; tree a strong grower, resembles Winesap, but is superior in many ways, and fully one-third larger. January to April.

Northwestern Greening-Large, smooth, greenish yellow; flesh fine

grained, firm; extremely hardy and a strong, handsome grower. December to April.

Paradise Sweet—Medium size, greenish yellow, sweet, good quality. December.

Roman Stem—Medium size, yellow, of good quality, very productive; tree a slow grower when young.

Russet—Medium size; flesh greenish white, good quality; tree a good grower and hardy. January.

Salome—Medium, yellow and red, very handsome; flesh whitish yellow, tender, slightly aromatic; tree hardy, vigorous, upright grower. January to May.

Seedless—Tree a good grower and hardy; fruit medium size, yellow, with red stripes. December.

Stayman's Winesap—Fruit large, striped, nearly covered with red; flesh greenish yellow, very juicy and aromatic; very good; a strong, spreading grower; a good, early bearer; the best of our late winter apples, January to May.

Tallman Sweet—Medium, pale yellow, firm, rich and very sweet, the most valuable preserving and baking apple; vigorous. October and December,

Winter Banana—Fruit large, color clear yellow, overspread with pink; red-blushed; flesh yellow, very rich and juicy; tree subject to blight. November to January.



Stayman's Winesap

Winesap—Medium, roundish, deep red, firm, crisp, juicy; excellent quality, moderate grower and good bearer; succeeds well throughout the West. December to May.

Winter Maiden Blush—Good size and of good quality. Tree a strong grower. January.

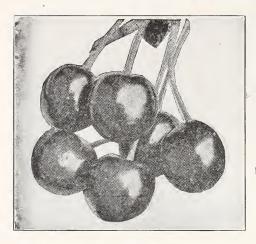
Yellow Bellflower—Large size, pale yellow, flesh white, sub-acid; tree a good grower; rather shy bearer. December.

#### CRAB APPLE

40 cents each

Hyslop—Dark crimson, with bloom; very showy and popular. Transcendant—Large, yellow striped with red.

# CHERRIES



Cherries

4 to 6 ft., 45c each; 6 or more, 40c each

Early Richmond—Medium, red, early, hardy, immensely productive; ripens the last of June.

Large Montmorency— Large; fruit beautiful dark red, sub-acid; of the very best quality; ten days later than the Early Richmond; a fine shaped tree; hardy and productive.

Compass—Cross between a cherry and a plum. Fruit good size, bright red, sweet and juicy, of fine flavor. A good early bearing tree, perfectly hardy.

# **PEACHES**

4 to 6 ft., 35c each; 10 or more, 30c each  $3\frac{1}{2}$  to 5 ft., 25c each; 10 or more, 20c each

Golden—Good size, golden yellow inside and out, freestone of extra good quality, very hardy and prolific; has proven one of the best here. September 15th.

J. H. Hale—It averages one-third larger than the Elberta, ripens earlier, and is much better in quality; color, golden yellow, inside and out, with a red-blushed cheek, a perfect freestone. Ripens August 25th.

Greensboro—The flesh is white, juicy and delicious quality for so early a peach. The largest and most beautifully colored of all early sorts. July.

Alexander — Medium size, nearly round; skin greenish white, nearly covered with deep red; flesh white, juicy and sweet, adhering slightly to the stone. July 20th.

Champion — Fruit large, delicious, sweet, juicy; skin creamy white, with red cheek; handsome, hardy and productive, and a good shipper; adhering slightly to the stone. August 15th.

Crosby—Freestone, medium size, bright yellow, streaked with carmine; annual bearer; hardy. September 15th.

Lemon Cling—Very large, light yellow; flesh firm, yellow and rich; the great

15th.

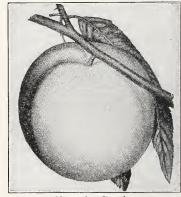
canning peach of the South and West. August.

Elberta—Freestone, very large, yellow, with red cheek; flesh yellow, an excellent shipping variety. September 5th.

Crawford's Early—Freestone, large yellow; flesh yellow, quality good; tree good grower, but the buds are tender. September.

Late Elberta—Same as Elberta, except about 10 days later. September

Early Elberta—Same as Elberta, except about 10 days earlier. August.



Champion Peach

### PLUMS

4 to 6 ft., 45c each; 6 or more, 40c each



Red June Plum

Abundance—Medium size, showy; beautiful amber colored, turning to a rich, cherry, highly perfumed; flesh light yellow, exceedingly juicy and tender. July.

Burbank—Very large, redish purple; flesh yellow and solid; cling, fine quality, one of the best for canning; tree strong, spreading grower, hardy and productive; subject to rot in wet years. August.

Red June—A vigorous, hardy, upright, spreading tree; as productive as Abundance. Fruit medium to large, deep vermillion red with handsome bloom; very showy; flesh light lemon color, slightly sub-acid, of good and pleasant quality; pit small. Early.

Green Gage—Medium sized yellow freestone, of extra good quality; tree a slow, dwarfish grower. August.

Wild Goose—Hardy, native, deep red with purplish bloom; flesh yellow, juicy and sweet; rapid grower; early and abundant bearer. July and August.

Blue Damson—Fruit small size, rather tart, good quality; dark purple, covered with a blue bloom; productive. September.

Yellow Egg—Fruit large, yellow, fair quality; fine for canning; tree a good grower and very productive; the best of the yellow plums for this climate. September.

Guii—Fruit large, purplish blue; flesh yellow, firm and sweet; freestone; tree hardy and a strong grower. It has done the best here of any of the large blue plums. September.

### CHESTNUTS

American Sweet—The nuts of this tree form quite an item in our commerce. They are sweet and delicately flavored. This chestnut is also a grand timber and ornamental shade tree. Four to 5 ft., 40c each.

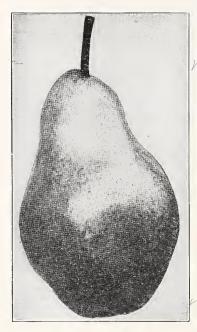
Apricots (Russian)-4 to 6 ft., 35c each.

Mulberries (Russian)—4 to 6 ft., 35c each; 6 to 8 ft., 50c each.

# PEARS

4 to 6 ft., 45 cents; 6 or more, 40 cents each.

Bartlett—Large size, color rich yellow, with often a beautiful blush next the sun; buttery, very juicy, and highly flavored. September.



Keifer Pear

Duchess—Very large; dull, greenish yellow, streaked and spotted with russet; flesh white, buttery and very juicy, with a rich and very excellent flavor. October.

B. de Anjou—A large, greenish pear, shaded with russet red, flesh is high flavored, rich and vinous. Trees very productive; one of the best for late fall and early winter use. October to January.

Keifer—A vigorous grower and an early bearer; very productive fruit, large, golden yellow, with red cheek. October.

Seckel—Small, yellow, with crimson cheek; flesh melting sweet and aromatic; most exquisitely flavored pear known. Tree slow grower, but hardy and healthy. September.

Worden (Worden's Seckel)—Medium size; golden yellow, with russet cheek; flesh fine grained, juicy. Tree hardy. September.

Lincoln—A strong, tall grower; fruit yellow, sweet and fine quality. August.

**Dwarf Pears** — Bartlett, Duchess, Seckel, and Lincoln. These pears commence bearing much earlier than the standards.

Quinces—25 cents each; \$2.50 per 12.

# **CURRANTS**

Large two-year, 10 cents each; \$1.00 per 12; \$6.00 per 100

**Perfection**—Color bright red, extra large size; bunches very long, which makes them very easy to pick; extra good quality; a good, healthy grower. 15c each; \$1.50 per 12; \$10.00 per 100.

Pomona—Fruit clear, bright red, almost transparent; has but few small seeds; hangs on a long time after ripe.

London Market—Plant is extremely vigorous, with perfect foliage, which it retains through the season; an enormous cropper. For any use—home garden or market.

Black English—Largest and best of the blacks.

White—A good grower; berries yellowish white, sweet and mild.

# GRAPES

Strong, healthy two-year vines, 20 cents each; \$2.00 per 12 Concord. \$10.00 per 100; other varieties, \$15.00 per 100

Campbell's Early—A strong grower, an abundant bearer; bunches and berries very large, glossy black; ripens with the Moore's Early, but will hang on the vines until frost. 25c each; \$2.50 per 12.

Moore's Early—Black, bunches medium size and very compact; berries large and of excellent quality; ripens ten days before Concord which makes it very desirable for market; very hardy, well suited for the North; one of the best.



Grapes in Nursery

Concord—Black, the most popular grape in America; bunches and berries large, hardy, healthy and productive. 15c each; \$1.50 per 12.

Agawam—Red or maroon color; berries large, of rich, peculiar aromatic flavor; ripens a week later than Concord; vine a strong, rank grower.

Moore's Diamond-White, bunches and berries large; flesh tender, juicy,

hardy, productive, early; fine quality.

Niagara—Bunch and berries large, greenish white, changing to pale yellow when fully ripe. Quality fair. A little tender here, but hardy farther south.



Champion

Wyoming Red—Vine very hardy, healthy and robust; flesh tender, juicy and sweet; bunches and berries medium sized. The best of the red grapes for this climate.

# GOOSEBERRIES

Champion—A new variety introduced from Oregon, where it originated. Bush a strong, upright grower, very hardy and enormously productive; fruit round, entirely free from mildew and easily gathered. We consider this the best of the gooseberries for general planting. Strong two-year plants, 20c each; \$2.00 per 12; \$12.00 per 100.

### STRAWBERRIES

Senator Dunlap, 25 plants, 25 cents; 50 plants, 40 cents; 75 cents per 100; \$3.00 per 500; \$5.00 per 1,000

Norwood and Gandy, 40 cents per 25; 75 cents per 50; \$1.00 per 100

For strawberry plants in the fall, write for prices. They should be planted between August 20 and September 20.



Dunlap Strawberry

The following varieties of strawberries are all perfect flowering; that is, they do not need any other variety planted near them for fertilizer. We tie all strawberries 25 in a bunch. If the plants are to be sent by mail, see parcel post rates, page 21.

Senator Dunlap—Fruit good size, regular form, beautiful bright red; glossy, firm, splendid keeper and shipper; excellent quality; one of the best for canning; ripens early and continues a long time. We consider the Dunlap the best berry that grows. It and the Gandy will cover the season from early to late.

Gandy—Extra large and handsome, firm; the very latest; most all of the crop ripens after the Dunlap.

Norwood—Extra large and of very fine quality; bright red all the way through, a strong, healthy grower; the best of the large fancy berries.

#### EVERBEARING STRAWBERRIES

40 cents per 12; 60 cents per 25; \$1.50 per 100

This kind of strawberries have proved a success. They are hardy and healthy, make a crop in June and another in the fall.

Americus—Berries fair size, bright red and extra good quality. Plant a healthy, strong grower, but makes very few plants. The fall crop of this variety has been very good here.

Progressive—Berries large, firm, and good quality; plant a healthy, strong grower and a good plant maker. This plant seems to be a general favorite. With us the June crop was better than the Americus, but the late fall crop not so good. This berry and the Americus are the best for this locality.

Superb—Large size, quality medium; does well on sandy soil; medium fall bearer.

Plant them twice as thick as other varieties, cut off the blossoms up to July the first, and they will make a fair crop the first year. As soon as the berries begin to ripen put a fine mulch around the plants. The second year, after the June crop, take off the mulch and give them a good dressing of fine manure, cultivate well, then mulch heavy between the rows and close around the plants. All the varieties we offer have perfect flowers, but we find that the berries are more perfect when two varieties are planted together.

### DEWBERRIES

Lucretia—A trailing blackberry, larger and juicier than blackberries. Fruit ripens ten days before blackberries. For the best success, cover them in the fall like strawberries; in the spring take the mulching off and put it under them to keep the berries off the ground, and shorten the runners to eighteen inches. Prices, 35c per 12; \$2.50 per 100.

# BLACKBERRIES

Eldorado—Among the good points of this valuable new blackberry are great productiveness, hardiness, extra fine quality, and sweetness of flavor, without core, the berries are large, jet black, borne in clusters and ripen well together; sweet, melting, rich and pleasant to the taste. Price, 40c per dozen; \$3.00 per 100; \$25.00 per 1,000.

Snider—Very hardy and productive, of medium size. 35c per 12; \$2.50 per 100.

Blowers—Said to be very large and hardy, but has not been well tested here. 35c per 12; \$2.50 per 100.

# PIE PLANT

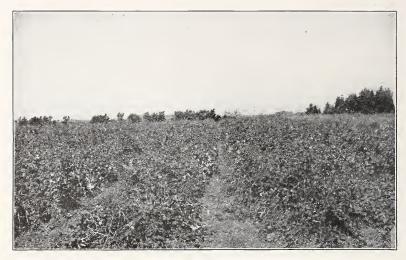
Linnaeus—Large, early, tender and fine, the very best of all. Large two-year-old roots, 10c each; \$1.00 per 12; good two-year roots, \$5.00 per 100.

# **ASPARAGUS**

Conover's Colossal—Produces large, tender shoots of vigorous growth. None better. 25c per 12; \$1.00 per 100; \$3.00 per 500; \$5.00 per 1,000.

# RASPBERRIES

40 cents per 12; \$2.50 per 100; \$20.00 per 1,000; except where noted



Cumberland Raspberries

Cumberland—Black, large size, fruit firm, hardy and very productive; good quality.

Plum Farmer—Black, strong, healthy grower; berries large and firm, ripens earlier than the Cumberland and ripens its fruit in a very short time. A good market variety.

Louden Red—Large size, very firm and hardy, moderate grower, the best of the reds for heavy, rich soil. Sprouts. \$1.50 per 100; \$10.00 per 1,000.

St. Regis (Everbearer)—Very early, fruit large and extra quality, good stocky grower and hardy. It is very much like the Louden except it makes a fall crop on the new canes. Red variety.

Columbian—Deep, purplish red and highly flavored, extra strong canes, wonderfully productive; berry large. Does not sprout. \$2.00 per 50; \$3.50 per 100.

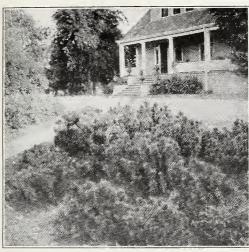
DEAR SIRS:

· FARMINGTON, ILL.

I received the fruit trees and plants, and was well pleased with them.

Yours respectfully,

WM. RICE.



Evergreen

### EVERGREENS

Arbor Vitae—The best for hedges.

2 to 3 ft., 45c each \$4.00 per 10 18 to 24 in., 35c each \$3.00 per 10 12 to 18 in., 25c each \$2.00 per 10

Norway Spruce—The best for windbreaks; 2 to 3 ft., 45c each; \$4.00 per 10; 18 to 24 inches, 35c each; \$3.40 per 10; 12 to 18 inches, 20c each, any number.

White Pine—2 to 3 ft., 45c; 18 to 24 inches, 35c.

Koster's Blue Spruce— 18 to 24 inches, \$3.00 each.

# ORNAMENTAL TREES

Popular Norway or Carolina—One of the most rapid growing trees, with large, deep green leaves; succeeds everywhere, especially adapted to cities,

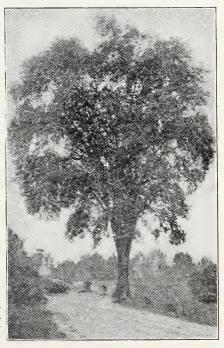
where it makes a fast growth, and resists smoke and gas. It makes a spreading head and dense shade when properly trimmed. 10 to 12 ft., 75c each; \$6.00 per 10; 8 to 10 ft., 55c each; \$5.00 per 10; 6 to 8 ft., 35c each; \$3.00 per 10; 5 to 6 ft., 25c each; \$2.00 per 10.

Elm—White, the noble, drooping, spreading tree of our woods; one of the grandest of park or street trees. 10 to 12 ft., \$1.00 each; \$8.00 per 10; 8 to 10 ft., 70c each; \$6.50 per 10; 6 to 8 ft., 45c each; \$4.00 per 10; 5 to 6 ft., 30c each; \$2.50 per 10.

Birch, White—A tree with graceful, airy foliage and white bark; desirable for lawns; 5 to 6 ft., 50 cents each.

Mountain Ash—A very pretty, small sized tree, with clusters of large orange berries in the fall; 5 to 6 ft., 50 cents each; 6 to 8 ft., 60c.

Box Elder—A native tree of irregular spreading habit. Maple like in seed and Ash like in foliage. A rapid grower, which makes a valuable tree where quick shade is desired. 8 to 10 ft., 50c each; \$5.00 per 12; 6 to 8 ft., 40c each; \$4.00 per 12; 4 to 6 ft., 30c each; \$3.00 per 12.



Elm

Budded Box Elder—These trees were budded from old, fine specimens, that never raised seed. These trees can be depended upon to never have seed. 5 to 6 ft., 60c each; 4 to 5 ft., 50c each.

Catalpa Specosa—A rapid grower with large, light green leaves and white flowers in June. 12 to 14 ft., \$1.00 each; 10 to 12 ft., 75c; 8 to 10 ft., 50c;

6 to 8 ft., 35c.

Norway Maple—A native of Europe; a large, handsome tree, with broad, deep green, shining foliage. 6 to 8 ft., 80c each; 8 to 10 ft., \$1.25 each.

Hard Maple—Spreading top and very dense shade; very desirable for street, park or lawns. 5 to 6 ft., 50c each; 6 to 8 ft., 70c; 8 to 10 ft., \$1.00.

Schwedler's Maple—Leaves bright red, changing to bronze green during summer; a very attractive tree, with round spreading head. 6 to 8 ft., \$1.50 each.

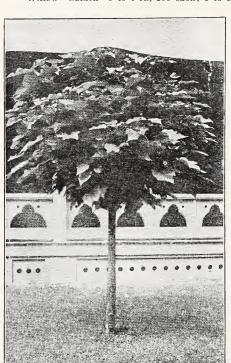
Crab (Bechtel's Double Flowering)—A beautiful tree while in bloom; the flowers are fragrant and double, resembling miniature roses, color pink. 2 to 3 ft., 50c each.

Linden—American or Basswood (Tili Americana)—A large tree forming a broad, round-topped crown. Leaves broadly oval dark green on top and light beneath, turning yellow in autumn; creamy flowers in summer. 5 to 6 ft., 50c each.

Horse Chestnut—White Flowering—A handsome tree of regular form, with showy foliage and covered in the spring with panicles of white, showy flowers marked with 4 to 5 ft., 50c each.

Redbud (Cercis)—Judas Tree—A medium sized tree with large irregular head shaped leaves; derives its name, Red Bud, from the profusion of delicate, reddish-pink blossoms with which it is covered in early spring before the folage appears. 5 to 6 ft., 60c.

Willow—Golden—5 to 6 ft., 25c each; 8 to 10 ft., 50c each.



Catalpa Bungeii



# Catalpa Seedling—\$1,00 per 100; \$4,00 per 500. These are the hardy Speciosa. For posts they should be planted 4x4 ft., and given good cultivation for two or three years.

# WEEPING TREES

Catalpa Bungeii (Umbrella Catalpa)-Grafted on stems six to eight feet high, it makes an umbrella-shaped top without pruning; perfectly hardy; leaves large, glossy, heart-shaped, deep green; lay like shingles on a roof. \$1 ea.

Tea's Weeping—A variety of the well known Russian Mulberry. Forms a perfect umbrella-shaped head, with long, slender branches which droop to the ground par-allel with the stem. Very beautiful and hardy. \$1.50 each.

#### WILLOW

Wisconsin Weeping-5 to 6 ft., 30c each.

#### BIRCH

Cut Leaved Weeping-Erect, stately, rapid, hardy, with long, fine pendant branches and delicately cut leaves; the trunk very white; no tree more elegant for the lawn or yard. Undoubtedly the most popular of all weeping trees. 5 to 6 ft., \$1.00 each; 8 to 10 ft., \$1.50 each.

## SHRUBS

Nothing adds so much to the beauty of the home surroundings, nothing gives so much pleasure, as a good lawn and well placed shrubs and vines. The number which may be planted will be governed by the shape and



Spirea Van Houtei

extent of the grounds, but even the smallest lot has a place for a They should be planted in masses, in corners and about the buildings, always leaving a goodly proportion of open lawn. If you will send us a plat of your grounds and tell us how you would like to have it planted, we will help you select the best plants and assist you in arranging them. We will send a blank for instructions for making a plat upon application. Strong two and three year old plants in many

Altheas—A free flowering shrub, blooms in August and September; flowers resemble hollyhocks; color, white and purple. 2 to 3 ft., 35c each.

Almonds—Double flowering, pink and white flowers like small roses, early, profuse. 2 to 3 ft., 35c each.

Barberry (Thunberg's or Japanese)—The finest of all the Barberries, grows in compact form, spiney stems, foliage fine and dense, changing to brilliant red in fall, the clusters of red berries hanging on all winter. Much used for hedge and borders. Considered by many to be the most valuable foreign shrub grown. Not only because of its beauty, but it is also adapted to so many uses, together with perfect hardiness. For dense, low growing foundation planting, there is nothing better, and as an informal ornamental hedge, it has no equal.

This Barberry is recommended by the Government. It does not have the wheat rust, so there is no danger in planting it. We have several thousand fine, bushy plants. 24 to 30 in., 30c each; \$2.50 per 10; \$20.00 per 100; 18 to 24 in., 25c each; \$2.00 per 10; \$15.00 per 100.

Butterfly Bush (Buddleya Variabilis Magnifica)—Ever-blooming. This shrub from a young plant set out in the spring will mature to full size the first summer, making a handsome bush. It produces long, graceful stems, which terminate in tapering panicles of beautiful lilac-covered flowers. Strong field grown plants, 35c each.

Calycanthus (Sweet Scented Shrub)—The wood is fragrant, foliage rich; flowers are of chocolate color, having a peculiarly agreeable odor. Flowers in June and at intervals afterwards. 18 to 24 in., 25c each.

Cranberry (high bush) (Virburnum opulus)—Upright and spreading in growth, with smooth, light grey branches and broad, rough leaves. Flat

heads of white flowers about 3 or 4 in. across. The clusters of decorative fruit begin to color by the end of July and remain on the branches and keep their bright scarlet color until the following spring. 2 to 3 ft., 30c; \$2.50 per 10; 18 to 24 in., 25c; \$2.00 per 10.

**DesModium Penduliflorum**—A shapely, pretty leaved semi-herbaceous shrub from 2 to 4 feet high; literally covered in early autumn with long, drooping racemes of magenta flowers. 18 to 24 in., 30c; \$2.50 per 10.

**Deutzia** (Pride of Rochester)—Blooms in early spring, in large panicles of double white flowers. A strong, handsome grower. 2 to 3 ft., 30c; \$2.50 per 10; 18 to 24 in., 25c; \$2.00 per 10.

**Dogwood** (Cornus Siberia)—A pretty shrub with bright red bark in winter. Branches upright and spreading. Has cream colored flowers in June, and light blue berries, which makes it very attractive in autumn. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10.

Elder (Golden)—A brilliant golden-leaved variety, very useful for contrasts and striking effects. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10.

Elder (Cut Leaf)—White flowers borne in large, flat panicles, followed by edible black berries. 2 to 3 ft., 30c; \$2.50 per 10.

Fringe, Purple or Smoketree (Rhus continus)—Good as a single specimen for lawns or in masses in the shrubbery border. Has yellow green flowers in June in loose panicles which become purple and plumose and give the plant a smoky appearance in late summer and early fall. 35 cents.

Golden Bell (Forsythia Suspensa)—Has yellow, bell-shaped flowers in racemes in early spring. Spreading in growth. Good, deep green foliage. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10.

Golden Bell (Forsythia Fortunei)—Similar to above, but more upright in growth. Same sizes and prices as above.

Tartarian Honeysuckle (Lonicera Tatarica)—A very attractive, useful shrub, with an abundance of fragrant flowers in the spring, and bright red fruit in autumn. Pink and white. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10.

Hydrangea (Paniculata Grandiflora)—This is one of the most valuable hardy shrubs. It attains a height of three or four feet, and is perfectly hardy in all parts of the country. The flowers are borne in great panicles nearly a foot in length and change from pure white to rose and bronze. It commences flowering in July and continues until November. 2 to 3 ft., 35c; \$3.00 per 10; 18 to 24 in., 30c; \$2.50 per 10.

**Hydrangia—Tree Shaped—**Very desirable in this form, informal lines and backgrounds, or solitary. 3 to 4 ft, 45c each; \$3.50 per 10.

**Hydrangea** (Aberoescens Sterilis, hills of snow)—A new variety of decided merit. Commences to bloom in June and lasts until September. Perfectly hardy. 40c each; \$3.50 per 10.

Yellow and White Kerria (Rhodotypos Kerrioides)—A very ornamental shrub with bright foliage and single flowers, about one and one-half inches across. In May. These are produced at the end of the branchlets and are followed by conspicuous, shining black fruits in autumn and winter. 2 to 3 ft., 30c; \$2.50 per 10.

Lilac (Purple)—A standard variety, always good, profuse bloomer. 2 to 3 ft., 30c; \$2.50 per 10.

White—A well known white lilac; flowers slightly cream colored. 2 to 3 ft., 30c; \$2.50 per 10.

Lilac Persian—This blooms earlier than the common lilac. The flowers are pale lilac and bend the slender branches in most graceful curves. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10.

# ALPHA NURSERY

Fruit Trees, Plants, Shrubs, Vines and Roses, Landscape Gardening

# ALPHA ILLINOIS

Dear friend:We are asking you to carefully look through the catalogue which we are enclosing. It will help you to decide what you wish to plant, give you information about prices, and the satisfaction felt by a few of our customers.

The demand for Nursery Stock will certainly be heavier this year than common, and as many varieties are short, we urge upon all our friends to get their orders in early. Get your order in while our stock is complete, thereby getting the first selection of stock and an early shipment.

Nursery stock is sure to be high for the coming few years, as nurserymen have planted very little young stock, owing to the labor shortage. The price of fresh fruit is also high, and almost sure to continue so, some sorts it is almost impossible to buy. This should be a strong inducement to plant your own fruit. We have advanced our prices very little, we have increased the quality of our stock by selecting the different grades of stock more carefully.

We are giving special attention to Landscape Gardening. We have an extra nice lot of shrubs. and a large assortment of varieties, we are ready to help Beautify your home, we will make a planting plan FREE, showing kind of shrubs and position, if you will send for our special blanks upon which to give us the size and shape of your grounds.

We want your business and are making you prices which we think cannot be duplicated, for the same QUALITY of stock. We also GUARANTEE all our stock TRUE TO NAME. We offer you the advantage of good shipping facilities, we have eight express and four freight trains each day, our location gives us the advantage of getting your stock to you promptly.

We are making special inducement to those who wish to plant one acre or more, we will give our advice as to selections and planting arrangement, backed by 45 years in the fruit and nursery business.

Consider the attractiveness of our prices, the prompt and thorough service we render, the quality of our stock, our guarantee. For your convenience use this order blank, which you can fill out without trouble and mail to-day. We remain,

Yours for better Nursery Stock. ALPHA NURSERY

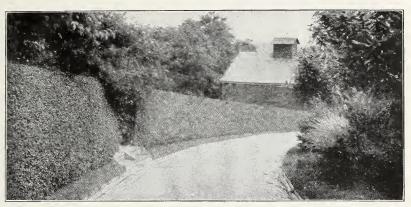
# ALPHA NURSERY

GEO. G. and H. G. WIRT, Proprietors

# ALPHA, ILLINOIS

	Name of party to whom we shall ship	p				
Cown	County	State				
Very Important—Please use this Order Sheet, no matter how often you have written Always give your full address, and write Name, Postoffice, County and State very plainly; by so doing, you will save much trouble and avoid the possibility of deland mistake in filling your order.						
UMBER	NAME OF ARTICLES	SIZE PRICE				
	all the state of the state of					
F .						
	<u></u>					
	man and the second second					
	TO TOWN ACT					
	100000000000000000000000000000000000000					
	20 (2001) 2 280					
	1 7 1 1 1 2 2 2 1 1 1 1 1	9 91 10 10 10 20 10				
		11-11				
	6					

**Pea Tree** (Caragana Siberian)—A showy dwarf tree or shrub with pretty pea-shaped flowers. Grows to a height of about 12 feet and is covered with yellow flowers in May and June. 2 to 3 ft., 30c; \$2.50 per 10.



Amoor River Privet Hedge

Privet Amoors River North—A valuable shrub for hedges and borders, color glossy green, holds its foliage almost the whole year; will stand trimming to almost any extent; perfectly hardy. 3 to 4 ft., 30c; \$2.50 per 10; \$20.00 per 100; 2 to 3 ft., 25c; \$2.00 per 10; \$15.00 per 100. (For smaller sizes, see page 19.)

**Privet Regels** (L. Regelianum)—A dense shrub with stiff, twiggy, horizontal spreading branches, drooping at the ends. 2 to 3 ft., 30c each; \$2.50 per 10.

Globe Headed Privet—These shrubs have a globe shaped head, 18 inches across, on a straight stem, very hardy, and ornamental. 3 to 4 ft., 45c each; 2 for 80c.

Quince Japan (Cydonia Japonica)—The scarlet flowers are large and produced in masses. Foliage large, dark, glossy, green. Good in hedges or for massing in the shrubbery border. 18 to 24 in., 25c; \$2.00 per 10.

Strawberry Bush (Euonymus Americanus)—A pretty, upright growing shrub with good foliage, particularly handsome in fall with its scarlet berries. Yellow-red flowers in June. 2 to 3 ft., 30c; \$2.50 per 10; 18 to 24 in., 25c; \$2.00 per 10.

**Snowberry**—A very pretty bush, with clusters of rose-colored flowers early in the spring, followed by waxy white berries, which hang on through part of the winter. 2 to 3 ft., 30c; \$2.50 per 10; 18 to 24 in., 25c; \$2.00 per 10.

Snowberry (Red Fruited)—Similar to above, except berries are bright red. 2 to 3 ft., 30c; \$2.50 per 10.

**Snowball**—A magnificent old favorite, tall growing shrub with very showy pure snow white flowers, produced in large ball. 2 to 3 ft., 30c; \$2.50 per 10.

Spirea (golden)—Large white flowers in June, a very strong grower with bright golden leaves in spring, that darken as the season advances. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10.

Spirea (Billardii)—Upright in habit, with red brown branches, dull green foliage and dense spikes of pink flowers about 6 inches long. Blooms from July until frost. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10.

Spirea (Billardii Alba)—A white-flowering form of the above. 2 to 3 ft., 30c; \$2.50 per 10.

Spirea Anthony Waterer—Dwarf. This beautiful variety produces flowers of bright crimson and blossoms so freely that it may be kept flowering through the summer till late fall by trimming away the dead flowers. In

growth it makes a large, round head, one to two feet high. 18 to 24 in., 30c; \$2.50 per 10; 12 to 18 in., 25c; \$2.00 per 10.

Spirea Van Houtei (Bridal Wreath)—The most beautiful of all spireas, an immense bloomer; pure snow white flowers; early; hardy. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10; 18 to 24 in., 20c; \$1.50 per 10.

Sumac (Cut Leaf)—A very striking plant of moderate size, with deeply cut leaves resembling fern leaves, dark green above and glaucous below and turning to a rich red in autumn. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10.

Syringa (Mock Orange)—Of vigorous habit, very hardy, with large, handsome foliage and beautiful white flowers. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10; 18 to 24 in., 25c; \$2.00 per 10.

Syringa (Grandiflorus)—Similar to mock orange, except blooms two or three weeks later. 3 to 4 ft., 35c; \$3.00 per 10; 2 to 3 ft., 30c; \$2.50 per 10; 18 to 24 in., 25c; \$2.00 per 10.

Weigelia (Diervilla Eva Rathke)—The hardiest of the weigelias; free flowering in June and July. Flowers crimson, very handsome and fragrant. 35 cents.

Yucca—A tropical-looking plant, with long, narrow leaves; the flower stalks rise from the center about three feet high, and are covered with creamy, white, bell-shaped flowers, forming a perfect pyramid; perfectly hardy, the leaves staying green all winter. Strong 2-year plants, 25c each.



White Killarney

# ROSES

### Everblooming Hybrid Perpetuals

Large two-year, field grown bushes, 35 cents each, except as noted.

General Jacqueminot—Brilliant velvety crimson; large, showy, and a fine grower; a magnificent variety.

Magna Charta — A general favorite, prized on account of its strong, upright growth and bright healthy foliage, as well as for its magnificent bloom. The color is a beautiful bright pink.

Paul Neyron—Deep, shining rose, very fresh and pretty. Flowers large, often measuring five inches in diameter. The buds always develop fine, perfect roses.

American Beauty—A hardy rose, of the largest size, having the ever-blooming qualities of the tea roses; it is the sweetest of all roses; the color is a deep, brilliant red, shaded to a rich carmine. 40c each.

Frau Karl Druschki—A pure, paper-white, large sized and free flowering. The bloom is perfect in form on fine, long stems. 40c each.

Prince de Rohan—Very dark, velvety crimson. A prolific bloomer and flowers are of excellent form and size.

Soleil d' Or—A fine, hardy out door rose, especially valuable because of its rare color; gold and orange yellow, varying to ruddy gold, suffused with nasturtium red. 40c each.

Baby Rambler—The original dwarf form of crimson rambler. The wonderful persistency of its bloom makes it one of the choicest plants in culti-

vation for summer bedding, and as an edging to borders of shrubs, roses or perennials, it has no equal.

Crested Moss—Deep pink, buds surrounded with moss fringe and crest.



Rugosa

Rugosa, Japanese Rose—This rose is very popular, used as a shrub it is fine. The foliage is refined and charming all summer, the blossoms are large, single, produced throughout the summer, followed by large crimson fruits, perfectly hardy; colors, white and red. 2 to three ft., 30c each; \$2.50 per 10; 18 to 24 in., 25c each; \$2.00 per 10.

# CLIMBING ROSES

Large two-year field grown vines, 30c each, except where noted

Climbing American Beauty—Much like the bush form of this name except it has the climbing habit. 35c each.

Excelsa (Red Dorothy Perkins)—A radiant, blood-red cluster rose. The clusters are very large and fairly cover the vines. It is best to plant this variety where crimson rambler is not hardy.

The Illinois Rose (Rosa Setigera)—Large single, pink, blosoms in July; beautiful foliage, absolutely hardy. The stems turn red in winter, which together with quantities of crimson fruits, produce a charming winter effect.

Crimson Rambler—It is a vigorous grower; flowers glowing and productive in immense panicles.

Blue Rambler (Veilhenblau)—The flowers are a violet blue; the buds show some red, but quickly change as they open.

**Dorothy Perkins**—Beautiful shell pink, full and double; large size for a cluster rose; it is a hardy, strong grower.

Prairie Queen—The flowers are very large and of peculiar globular form; bright, rosy red; changing to lighter as the flower opens. Of strong, rapid growth.

Thousand Beauties (Tausendschon)—Colors of every imaginable shade, from pure white to deep pink. Almost thornless.

# EVERBLOOMING HYBRID TEAS

50c each; 3 for \$1.35

There are no better bloomers than the following roses. They will furnish enough flowers the first season to pay for themselves.

Illinois Rose

Gruss an Teplitz—Color a rich scarlet, shading to velvety crimson; very fragrant; a free, strong grower, and the most profuse bloomer known to us, being covered with flowers the whole season. The foliage is extremely beautiful, all the younger growth being of a bronzy plum color.

Killarney Pink—A rose that has won fame both as a hardy garden variety and as a winter cut flower. The long, pointed, sparkling, brilliant pink buds, and the very double full blown flowers are very handsome. A free flowering, hardy, strong growing variety, and one of the best that can be planted.

White Killarney—A duplicate of the charming pink Killarney, with flowers white as snow.

# **CLIMBING VINES**

Strong two-year, 25c each

Honeysuckle, Scarlet Trumpet—One of the handsomest in cultivation; coral flowers; very vigorous and hardy; blooming all summer.

Honeysuckle, Hall's (Halliana)—A strong grower with deep green foliage, which is almost evergreen. Numerous white and yellow fragrant flowers in August and September.

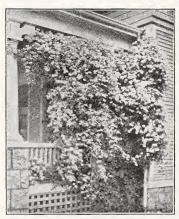
Trumpet Vine (Tecoma Radicans)—Handsome, dark green foliage and showy clusters of orange and scarlet flowers during the summer.

Bittersweet—A native vine that is especially ornamental in fall and winter, with brilliant orange and scarlet fruit.

Chinese Matrimony Vine—A strong, hardy climbing vine. Bright, rosy purple flowers, followed by brilliant scarlet berries.

Wisteria (purple)—One of the finest climbers, of rapid growth, and perfectly hardy, with long, pendulous clusters of bluish purple. Flowers in June.

Engleman's Ivy—It is one of the finest ivies we have. The brilliant coloring of the leaves in autumn, together with perfect hardiness, makes it a valuable climber for covering brick or stone walls. Where hardiness is necessary, the Englemani will be found much superior to Bostoń ivy.



Paniculata

American Ivy—The well known native vine with the five parted leaves, that change to rich crimson in autumn; berries blue black; very rapid grower and perfectly hardy.

#### CLEMATIS

#### 2 years

Jackmanii—A very profuse blooming variety, with flowers from four to six inches in diameter; of an intense violet purple color, borne successionally in continuous masses on the summer shoot. 50c each.

**Henryii**—Large, pure white flowering. 50c each.

Paniculata—New. A strong, vigorous grower; very free flowering; pure white; unusually fragrant. 35c each.

# HEDGES

American Arbor Vitea—A native of the North; very hardy and easy to transplant and will stand shearing well any time of the year; the most popular for hedges and screens, as it keeps green the year round. 12 to 18 in. transplant, 20c each, any quantity.

Barberry Thunbergeri—From Japan, of dwarfish habit; small foliage that turns to a scarlet in the fall; small flowers in June that turn to scarlet berries that last through the winter; perfectly hardy; it makes a very pretty hedge. 12 to 18 in., 15c each; \$1.20 per 10.



Barberry

Privet Amoors—Hardy, a valuable shrub for hedges and borders; foliage glossy green; holds its color almost the whole year. Will stand shearing almost to any extent; very hardy. 18 to 24 in., 20c each; \$1.50 per 10.

Spirea Van Houtei—In spring a hedge of Van Houtei is a perfect foundation of pure white bloom. 18 to 24 in., 20c each; \$1.50 per 10

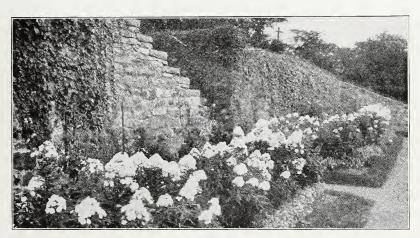
Hedges should be planted from 12 to 18 inches apart in the row, and kept well cultivated or heavily mulched for a year.

## HARDY PERENNIAL PLANTS

**Chrysanthemum** (hardy)—They make a brilliant show in September and October. Colors, white, pink and yellow. 15c each, 3 for 40c.

Golden Rod (Canadian)—The spray of perennial gold terminating with each year's growth, is on stems 3 to 5 feet high. September to October. 15c, two for 25c.

Golden Glow—Flowers are produced on long stems in large quantities, and resemble golden cactus dalies. 15c.



Hardy Phlox Planting

Hibiscus "Meehan's Mallow Marvels"—A magnificent new strain of hardy mallows, which for size and profusion of bloom and richness of coloring are among the most striking and beautiful perennials that grow. Flowers 8 to 10 inches in diameter; color, red, white and pink. 30c each.

Iris-Dwarf blue. 10c each; \$1.00 per 12.

Iris—Tall, light yellow. 10c each; \$1.00 per 12.

Daisy Shasta—Flowers daisy-like, often three or four inches across. Color, white. 20c each; \$2.00 per 12.

Lily Day—Yellow. Each, 10c; 12 for \$1.00.

**Lily of the Valley—**Small, white flowers, very fragrant. 5c each; 40c per 12.

**Paeonies**—A gorgeous flower; the dark, green leaves are at all times very attractive; hardy as an oak, and once planted will take care of themselves; colors, light pink, dark pink, rose, white, early scarlet, dark red, light red. Double flowers. 30c each; \$3.00 per 12.

Phlox (hardy)—No class of hardy plants are more desirable than the hardy phlox. They flower from July to late in the fall. Colors, red, white, pink, salmon and purple. 20c each; \$2.00 per dozen.

Blazing Star—Dazzling rosy purple spikes. Lasting a long time in July and August. 10 cents each; \$1.00 per dozen.

#### CANNAS

20 cents each; \$2.00 per 12

Beaute Portevine—3½ ft., large, crimson. Florence Vaughn—4 ft., golden yellow, dotted red. Bronze Leaved—3 ft., Vermillion scarlet.

#### **GRASS SEED**

Blue Grass—50 cents per pound. Sow one pound for three square rods. This is the best lawn grass; sow in April and rake in well.

# UNSOLICITED TESTIMONIALS

WATAGA, ILL.

Gentlemen:

Enclosed find check for payment of shipment. All the stock was in excellent condition, and I was very much pleased with the quality of the plants. You may be sure that when we need more nursery stock we will remember you.

Yours respectfully,

FRANK GOLDSMITH.

ALEXIS, ILL.

Dear Sirs:

Thank you for your good service; always am pleased. Hedge doing fine.

Yours respectfully,

Mrs. A. H. Graham.

VICTORIA, ILL.

Dear Sirs:

Enclosed please find draft for the order we received. All O. K., and we were very much pleased with same.

Sincerely,

J. W. OLMSTEAD.

GALESBURG, ILL.

Dear Sirs:

I received the nursery stock in good shape. Thanks for your promptness.

Yours respectfully,

J. O. SMITH.

### TO OUR TRADE

We want to thank each of our customers for their order and past favors. We try to please each and every one, and fill each order very carefully, and all our stock is true to name.

Many times there are diseases and insects working on your trees or berry plants. If you do not know how to get rid of them, write us, and we will help you to the best of our knowledge.

We also personally invite each one to come to our nursery any time during the year, but especially during the months of April and the first part of May, which is our delivery season.

Many times in looking over our catalogue one cannot make up their minds as to selections. Why not take a little time off and come to the nursery, and personally select your stock, see it growing, and packed? We are very glad to have you do so, and will try and make your stay with us a pleasure.

ALPHA NURSERY

PLANTING—Cut all of the side limbs back to two or three buds and shorten the top; make the holes plenty large so as not to crowd the roots and plant 3 inches deeper than they grew in the nursery. See that the roots are well spread out; use surface soil for filing, pressing it firmly around them; do not hurry the job; do it well and success is certain. Trees and plants should not be long exposed to the sun and air. Never put manure in the holes next to the roots, it causes decay. Plant strawberries with spade or dibble; spread roots out fan shape.

# Proper Distances Between Trees and Plants

Apples30 by 30 ft.	Raspberries
Pears20 by 20 ft.	Blackberries
Plums16 by 16 ft.	Strawberries and Asparagus
Peaches 16 by 16 ft.	18 in. in rows 4 ft. apart
Cherries	

The number of plants required for an acre may be ascertained by dividing the number of square feet in an acre (43,560), by the number of square feet given to each plant.

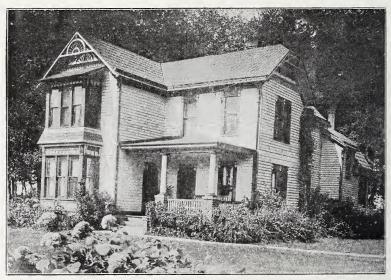
PARCEL POST—Following are the rates on 1 to 100 plants, and this is to be added to the regular catalogue price when parties wish their stock to be sent by parcel post. These rates are for a radius of 150 miles, the first and second zones, for rates in the third zone add one-third to the following rates.

Number of Plants 1		6	12	50	100
		Amt. of postage—Cts.			
Grapes	5	6	10		
Blackberries	5	5	8	15	25
Raspberries	3	5	8	15	25
Gooseberries and Currants	5	6	10		
Asparagus		5	8	20	35
Strawberries Paeonies		2	4	-8	12
		6	10		
Shrubs (small size)5		6	12		
Roses 5 Climbing Vines 5		6	12		
		6	10		
Phlox	3	5	8		

# ALPHA NURSERY



Before Planting Shrubs



After Planting Shrubs

# ALPHA, ILLINOIS